

FIG. 1

$$\begin{array}{ccccccc} \text{200} & & & & & & \\ & \nearrow & & & & & \\ & & \text{250} & & & & \\ & & \searrow & & & & \\ \text{SLOT} = & \begin{bmatrix} Z_1 \\ Z_2 \\ \tilde{Z}_3 \\ \tilde{Z}_4 \end{bmatrix} & \begin{bmatrix} Z_5 \cdots Z_{4n-3} \\ Z_6 \cdots Z_{4n-2} \\ \tilde{Z}_7 \cdots \tilde{Z}_{4n-1} \\ \tilde{Z}_8 \cdots \tilde{Z}_{4n-2} \end{bmatrix} & \begin{bmatrix} \text{PILOTS} \\ \text{PILOTS} \\ \text{PILOTS} \\ \text{PILOTS} \end{bmatrix} & \begin{bmatrix} Z_{4n-2} \cdots Z_6^* \\ -Z_{4n-3}^* \cdots -Z_5^* \\ \tilde{Z}_{4n} \cdots \tilde{Z}_8^* \\ \tilde{Z}_{4n-1} \cdots \tilde{Z}_7^* \end{bmatrix} & \begin{bmatrix} Z_2^* \\ -Z_1^* \\ \tilde{Z}_4^* \\ \tilde{Z}_3^* \end{bmatrix} & \begin{matrix} + \\ \\ \\ \end{matrix} \\ & \begin{matrix} \text{210} \\ \text{220} \\ \text{240} \\ \text{230} \end{matrix} & & & & & \end{array}$$

FIG. 2

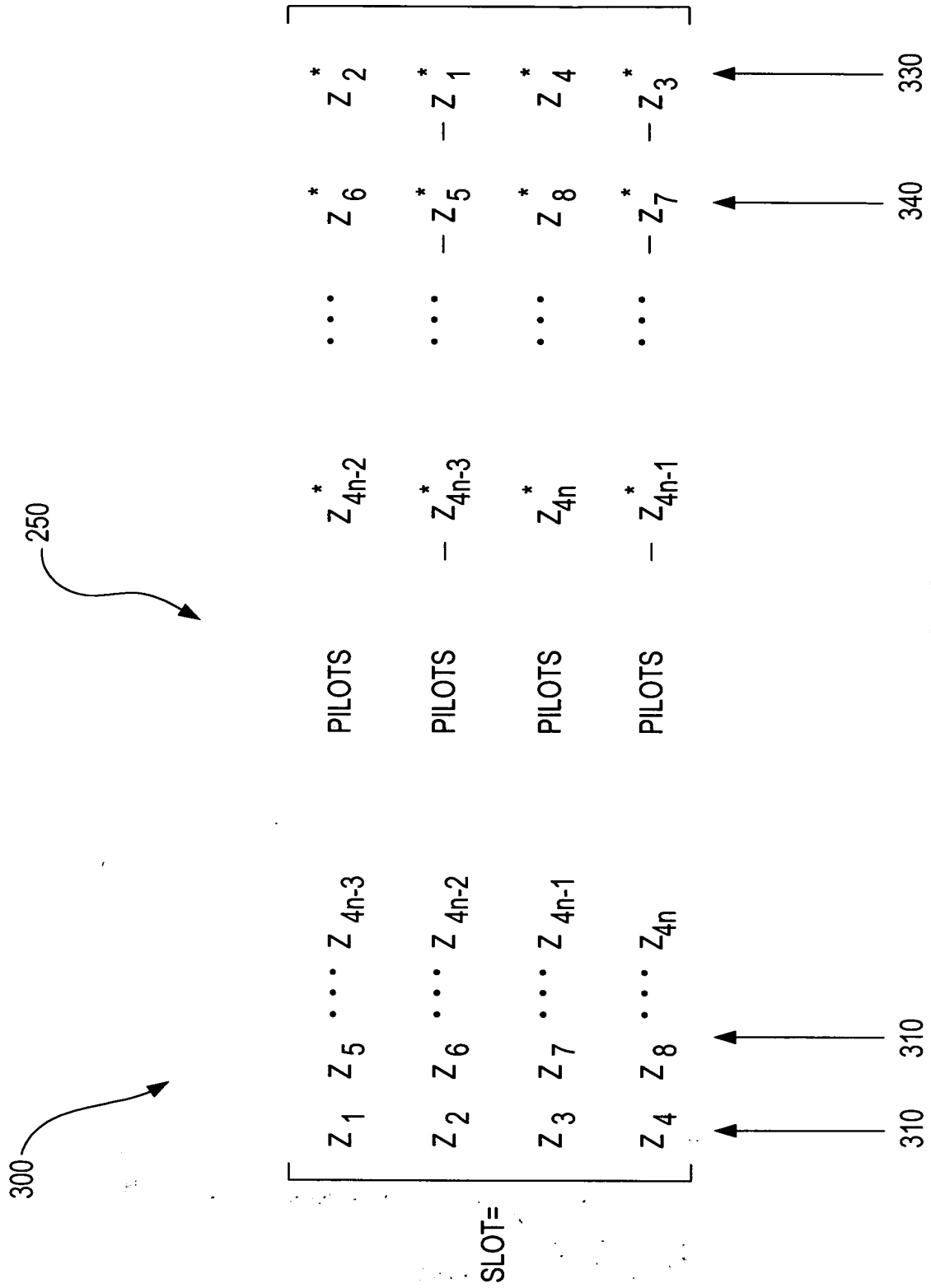


FIG. 3

400

$$\begin{array}{c}
 \text{SLOT=} \\
 \left[\begin{array}{cccccc}
 Z_1 & Z_7 & \dots & Z_{6n-5} & \dots & Z_2^* \\
 Z_2 & Z_8 & \dots & Z_{6n-4} & \dots & Z_1^* \\
 Z_3 & Z_9 & \dots & Z_{6n-3} & \dots & Z_4^* \\
 Z_4 & Z_{10} & \dots & Z_{6n-2} & \dots & Z_3^* \\
 Z_5 & Z_{11} & \dots & Z_{6n-1} & \dots & Z_6^* \\
 Z_6 & Z_{12} & \dots & Z_{6n} & \dots & Z_5^*
 \end{array} \right]
 \end{array}$$

PILOTS

FIG. 4

500

$$\begin{array}{c}
 \begin{array}{c}
 \text{SLOT} = \\
 \left[\begin{array}{cccc}
 \begin{array}{c} Z_1 \ Z_5 \cdots Z_{4n-3} \ Z_3 \ Z_7 \cdots Z_{4n-1} \\
 Z_2 \ Z_6 \cdots Z_{4n-2} \ Z_4 \ Z_8 \cdots Z_{4n} \\
 Z_3 \ Z_7 \cdots Z_{4n-1} \ Z_1 \ Z_5 \cdots Z_{4n-3} \\
 Z_4 \ Z_8 \cdots Z_{4n} \ Z_2 \ Z_6 \cdots Z_{4n-2}
 \end{array}
 &
 \begin{array}{c}
 \text{PILOTS} \\
 \text{PILOTS} \\
 \text{PILOTS} \\
 \text{PILOTS}
 \end{array}
 &
 \begin{array}{c}
 \begin{array}{c}
 -Z_{4n-2}^* \cdots -Z_6^* -Z_2^* -Z_{4n}^* \cdots -Z_8^* -Z_4^* \\
 Z_{4n-3}^* \cdots Z_5^* Z_1^* Z_{4n-1}^* \cdots Z_7^* Z_3^* \\
 -Z_{4n}^* \cdots -Z_8^* -Z_4^* -Z_{4n-2}^* \cdots -Z_6^* -Z_2^* \\
 Z_{4n-1}^* \cdots Z_7^* Z_3^* Z_{4n-4}^* \cdots Z_5^* Z_1^*
 \end{array}
 \end{array}
 \right]
 \end{array}
 \end{array}$$

FIG. 5